

### ABSTRACT

The present invention provides a porphyrin compound containing a biotinyl group represented by Formula (I):

Por-A-Bi

- 5 wherein Por represents a porphyrin residue optionally forming a metal complex; Bi represents an optionally substituted biotinyl group; and A represents a C<sub>1</sub>-C<sub>20</sub> hydrocarbyl group, or a heterohydrocarbyl group having 1-5 heteroatoms selected from a group consisting of oxygen, sulfur, and nitrogen, and having 1-20 atoms in total; a method for purifying hemoprotein which use the porphyrin compound; a hemoprotein labeling reagent; a  
10 diagnostic agent for hemoprotein associated diseases which use the porphyrin compound; and a therapeutic agent for photodynamic therapy.